

CLAIMS

5 1. Part for a motor vehicle, intended to come into contact with hydrocarbons, characterised in that it has a polytetrafluoroethylene coating (3, 7) adapted to make said part (1, 4) impermeable.

2. Part for a motor vehicle according to Claim 1, characterised in that the polytetrafluoroethylene coating (3) covers a wall (2a) intended to come into contact with hydrocarbons.

10 3. Part for a motor vehicle according to one of Claims 1 or 2, characterised in that the thickness of the polytetrafluoroethylene coating (3, 7) is around a few tens of microns.

4. Part for a motor vehicle according to one of Claims 1 to 3, characterised in that said part is made of plastic.

15 5. Part for a motor vehicle according to one of Claims 1 to 3, characterised in that said part is made of rubber.

6. Method of making impermeable a part for a motor vehicle intended to come into contact with hydrocarbons, characterised in that it includes a step of depositing a polytetrafluoroethylene coating (3, 7).

20 7. Method of making impermeable according to Claim 6, characterised in that the polytetrafluoroethylene coating (3, 7) is deposited by spraying a liquid polytetrafluoroethylene.

8. Method of making impermeable according to one of Claims 6 or 7, characterised in that the deposited substance comprises particles of polytetrafluoroethylene, one or more solvents and optionally a bonding agent.

25 9. Method of making impermeable according to Claim 8, characterised in that the deposited product also comprises a pigment adapted to colour the polytetrafluoroethylene coating.

30 10. Method of making impermeable according to one of Claims 6 to 9, for making a tubular part (1) impermeable, characterised in that it comprises a step of spraying, by means of a spray nozzle (8), a liquid polytetrafluoroethylene onto an internal wall (2a) of the tubular part (1), the

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spray nozzle (8) and the tubular part (1) being given a relative translational and rotational movement.

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